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Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Communications Division

DATE: 20 June 1950

FROM : Acting Chief, Engineering Branch

25X1A SUBJECT: Project Expansion, Detailed Requirements

4A-45

1. The accompanying letter to Project Review Board sets forth in general terms the construction and equipment required to implement certain classified Communications Division activities at . This memorandum contains additional information that may be of value in justifying the various estimated costs and in future plans for expansion.

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2. Each of the radio operating positions will consist of the following items of furniture and equipment:

1 - Collins 5LJ Receiver	\$ 875.00
1 - Hammarlund SP-600-JX Receiver	665.00
1 - Navy Operating Desk	185.00
1 - Navy Cabinet Rack	275.00
1 - Navy Operating Chair	45.00
1 - Typewriter	80.00
	\$2125.00

3. The portable recording assemblies will be of the Soundsciber embossed disc type arranged with dual turntables for continuous recording. The cost of each assembly is in the neighborhood of \$1200.00.

4. Two supervisory positions are included as follows:

2 - Hammarlund Receivers @ \$665.00	\$1330.00
2 - Operating Desks @ \$185.00	370.00
2 - Typewriters @ \$80.00	160.00
	\$1860.00

5. Auxiliary equipment will consist of the following items:

2 - Navy Type IR Frequency Meters @ \$1000.00	\$ 2000.00
2 - Multicouplers (6-Channel) @ \$7000.00	14000.00
2 - Collins Receivers @ \$875.00	1750.00
2 - Rack Cabinets @ \$275.00	550.00
	18300.00

6. The total cost of the items mentioned in paragraphs 2 through 5 is \$50,460.00 or approximately \$50,500.00. This includes twelve operating positions and four recording assemblies.

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7. The material for construction that must be furnished by the Agency consists of items such as electrical fittings, accoustic treatment, roofing, radiators, and similar items that cannot be supplied locally in the desired style or quality. Included in the estimated cost of \$5,500.00 are two three-ton air-conditioning machines of the same type as those employed throughout the original building.

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8. The relative merits of an addition to the present building, as presently proposed, and an entirely separate building were discussed at length by [] during the latter's inspection of the Project. It was agreed that for the requirement at hand the addition to the present building would cost considerably less because of the possibility of using the heating and plumbing systems already installed. If, at some later date, operational activities require a further increase in available floor space, it would be possible to erect a building having maximum dimensions of approximately 60' x 175' in the northwest corner of the compound. This would provide a working area approximately the same size as the present Operations Building. The cost of such a building, including separate heating plant, increased electrical service, protective bunkers, etc., would be in the neighborhood of \$100,000.00. Some inconvenience would be caused by the necessity of relocating coaxial cables, piping, drains, ground wires, and conduit now buried in the area, but this could be accomplished without interruption of existing services by proper advance planning.

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